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(71) Applicant (for all designated States except US): TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 4718571 (JP).

(72) Inventor; and

(75) Inventor/Applicant (for US only): ISHIKAWA, Yujirou

[JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 4718571 (JP).

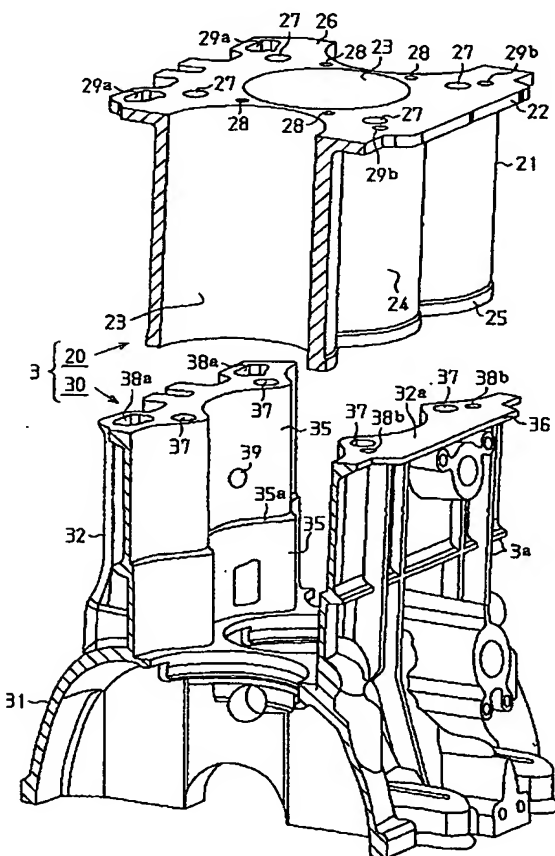
(74) Agents: ONDA, Hironori et al.; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Aichi 5008731 (JP).

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(54) Title: WATER-COOLED ENGINE AND CYLINDER BLOCK THEREOF



(57) Abstract: A cylinder block (3) has a cylinder bore (5) and a water jacket provided about the cylinder bore (5). The cylinder block (3) is divided at the water jacket into a cylinder liner portion (21) and a cylinder outer wall portion. The cylinder liner portion (21) has a wall defining the cylinder bore (5). The cylinder outer wall portion (32) surrounds the wall of the cylinder liner portion (21), thereby defining the water jacket between the cylinder outer wall portion and the wall of the cylinder liner portion (21). The cylinder liner portion (21) includes an upper deck portion (22) integrally formed with the cylinder liner portion (21). The upper deck portion (22) contacts the cylinder head assembled to the cylinder block (3). The cylinder outer wall portion (32) has a top surface that functions as a receiving surface that contacts and supports the upper deck portion (22).

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